

Fig.1

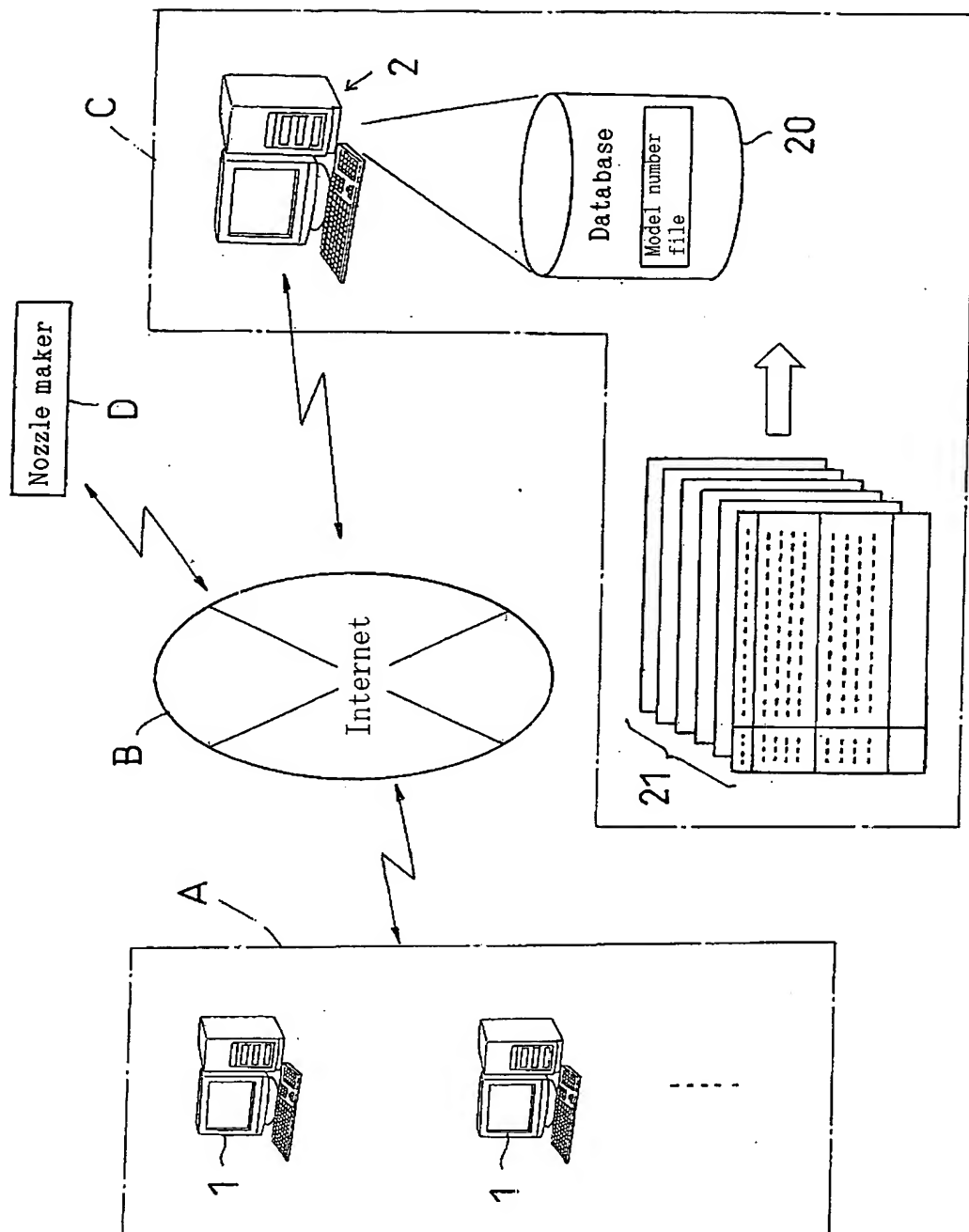


Fig.2

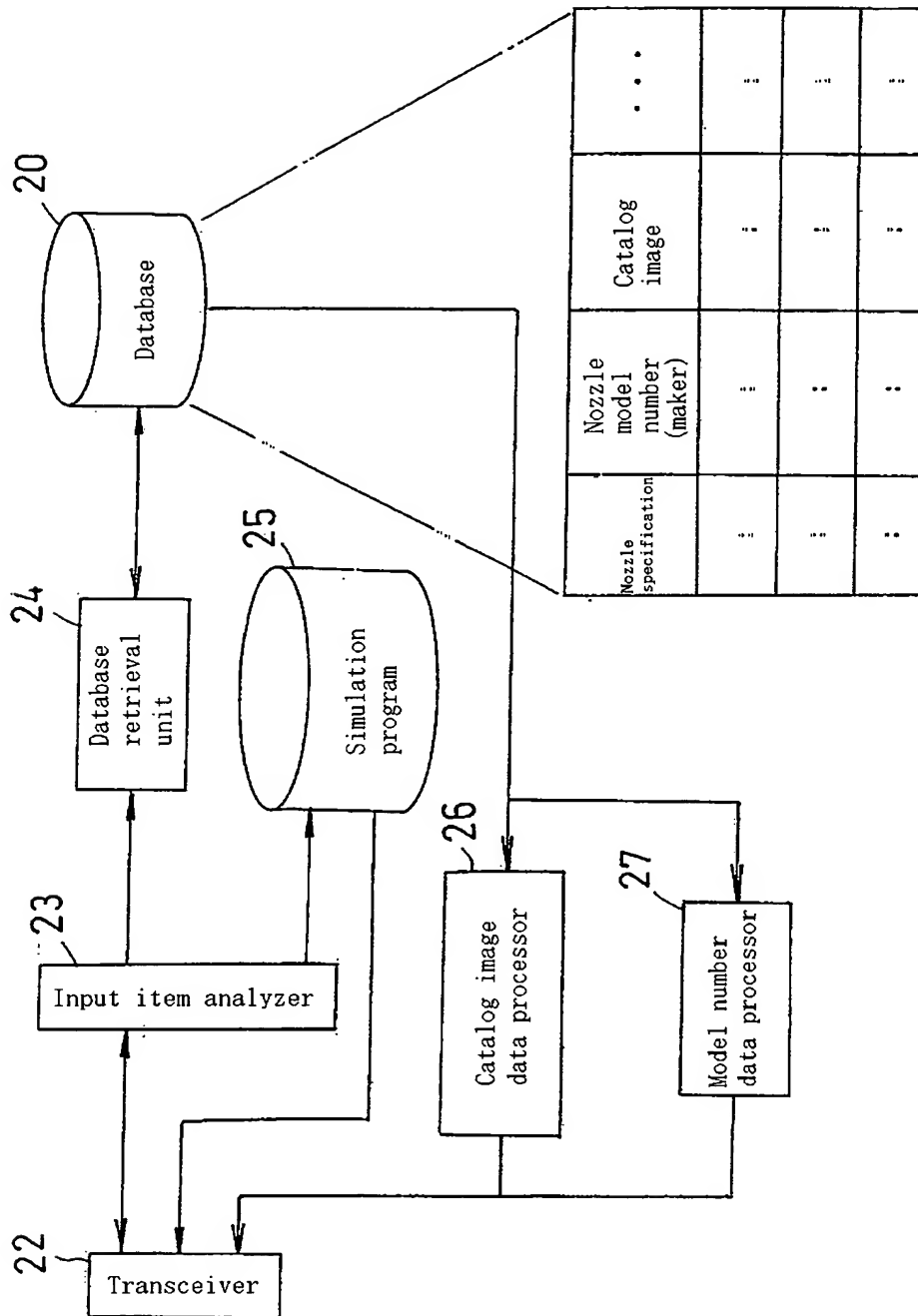


Fig.3

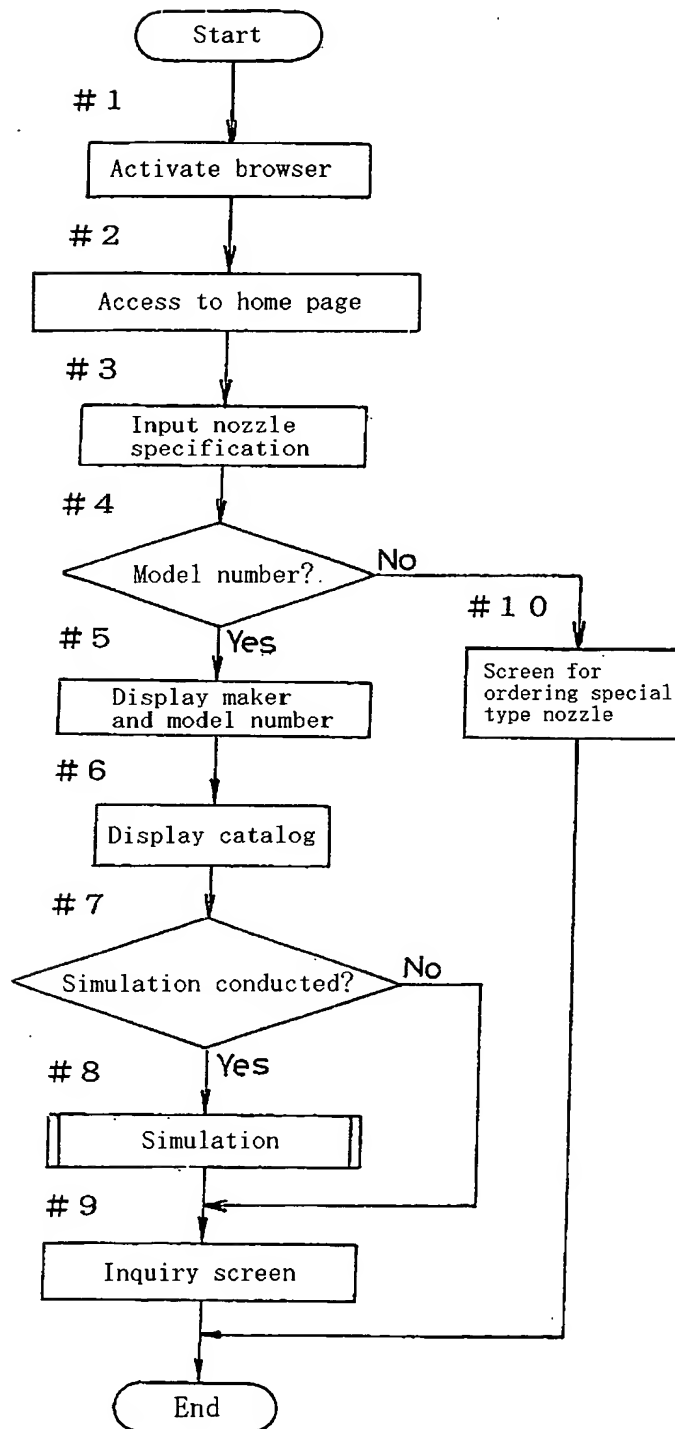


Fig.4

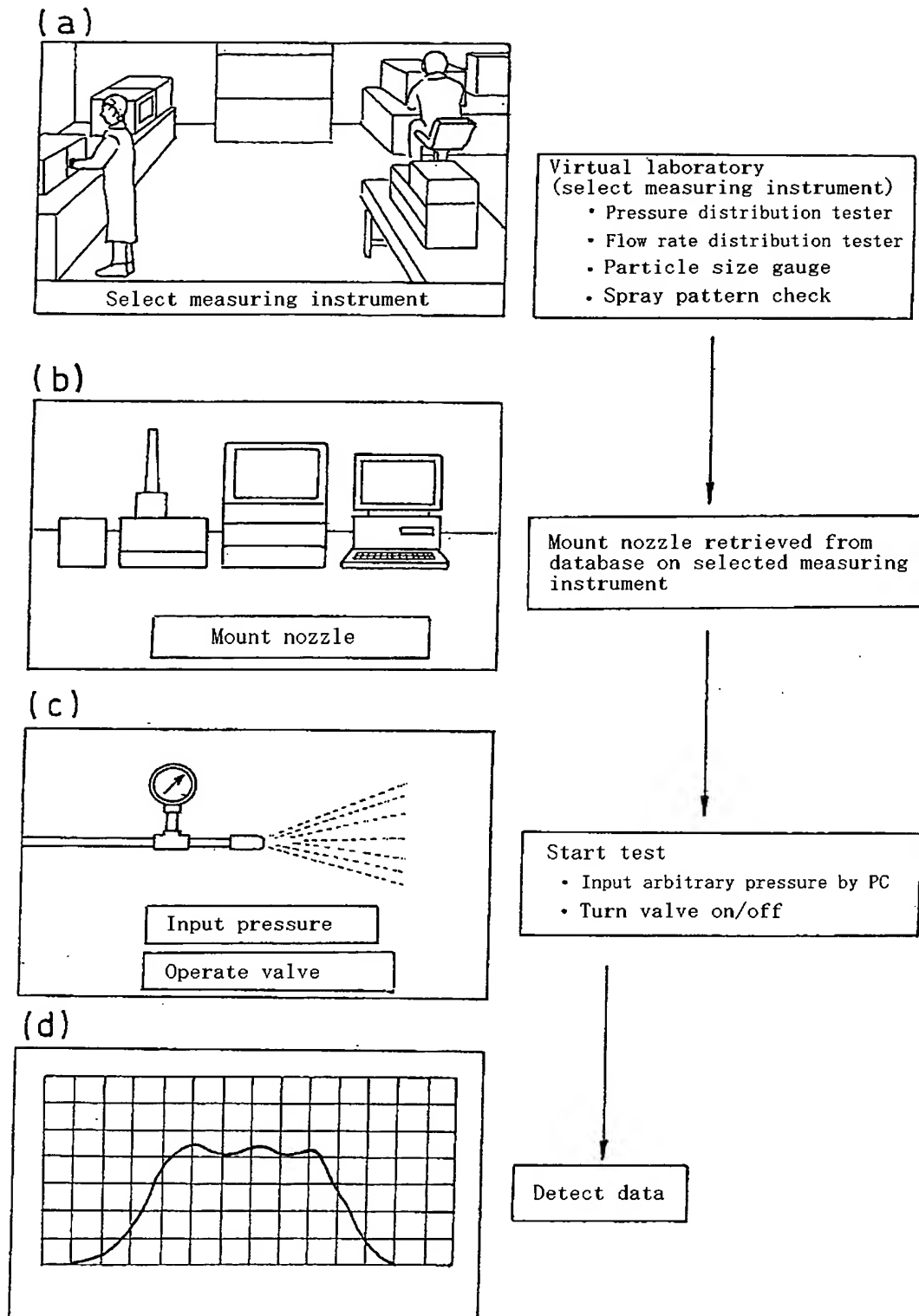


Fig.5

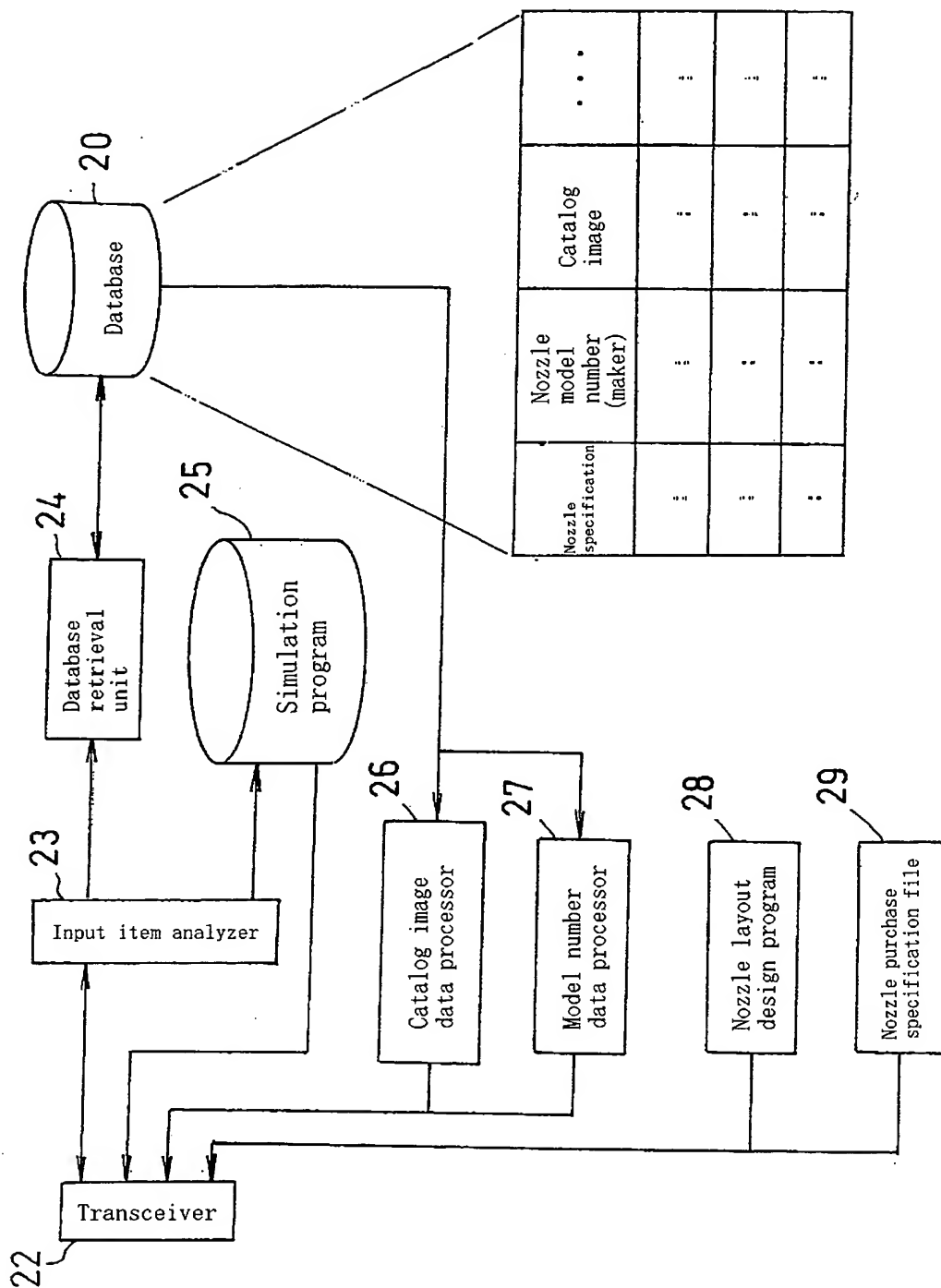


Fig.6

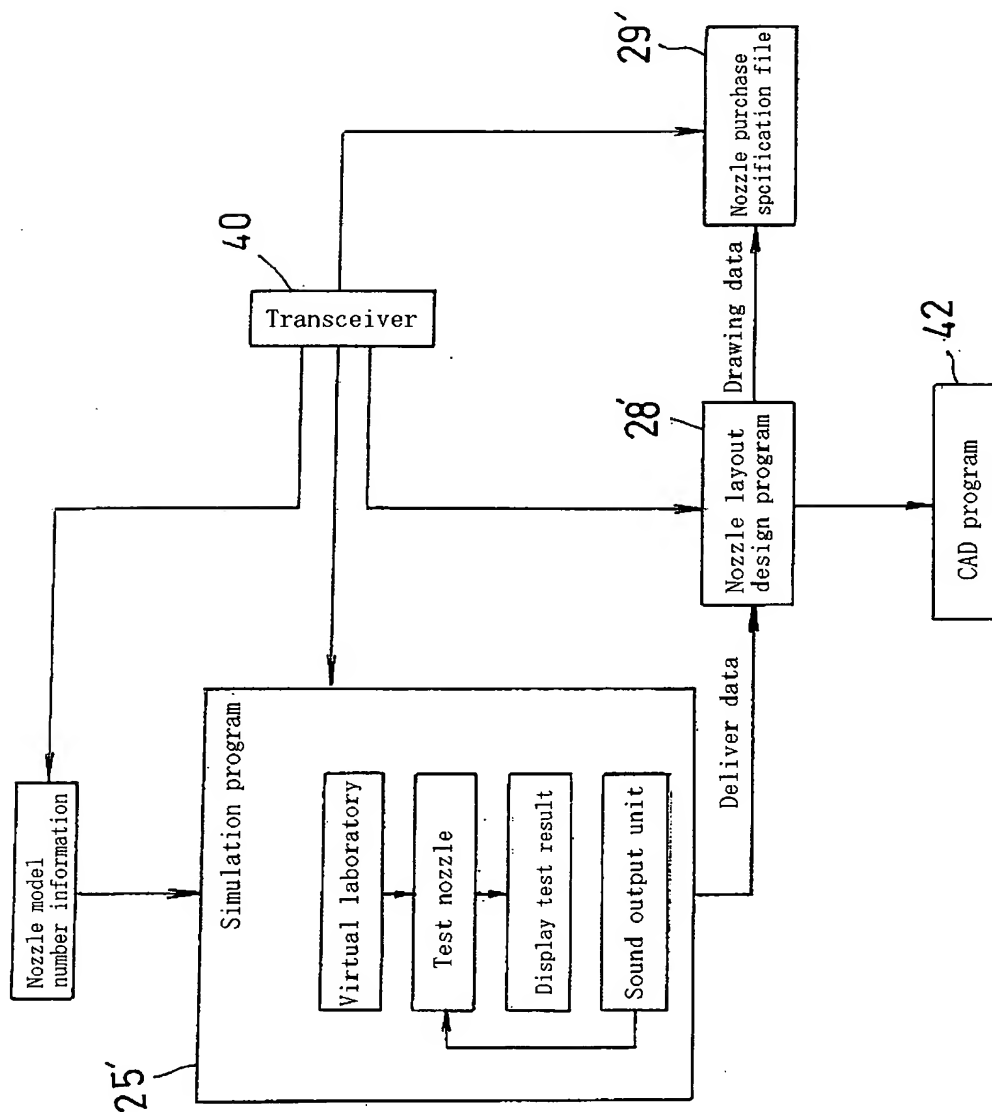


Fig.7

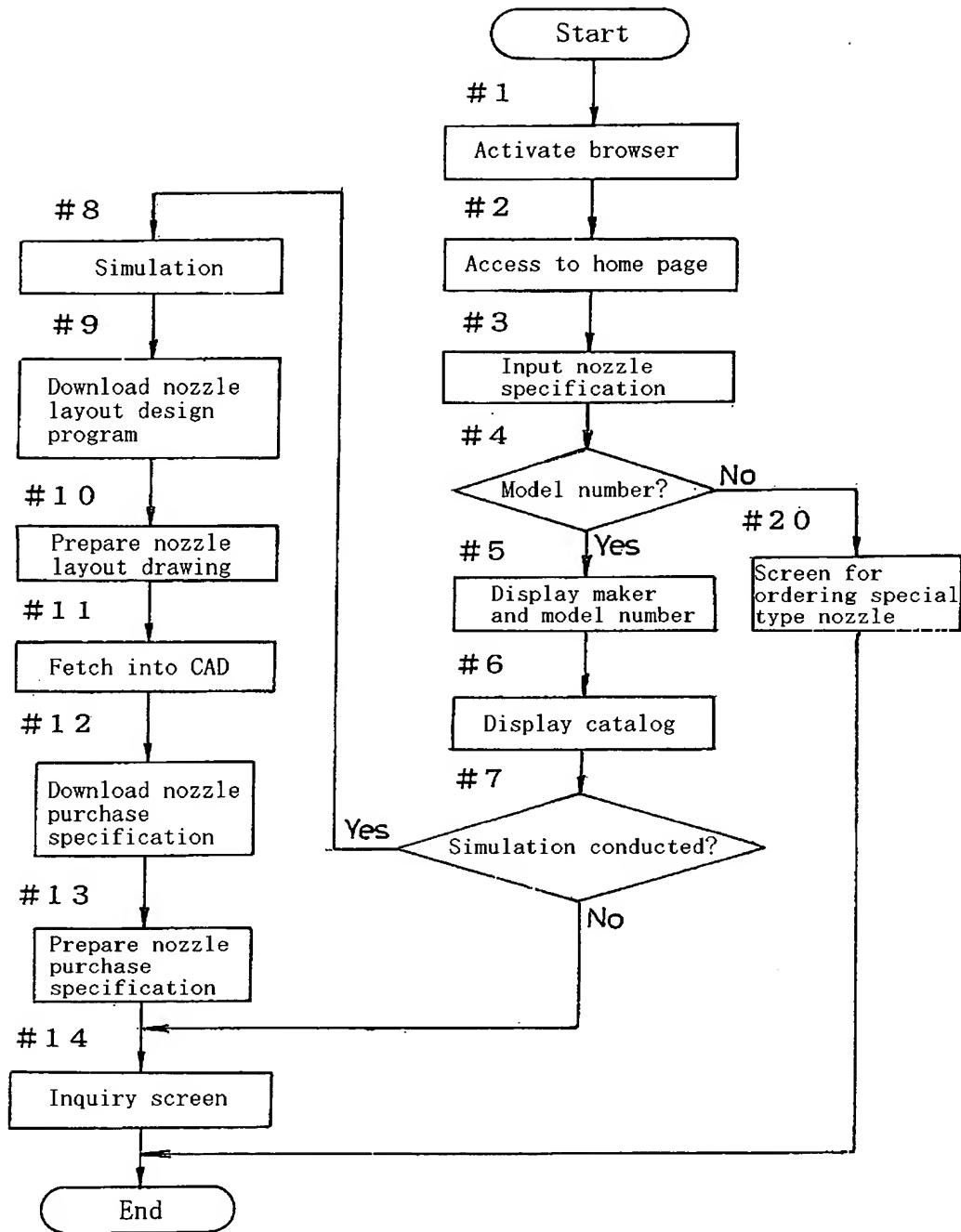


Fig.8

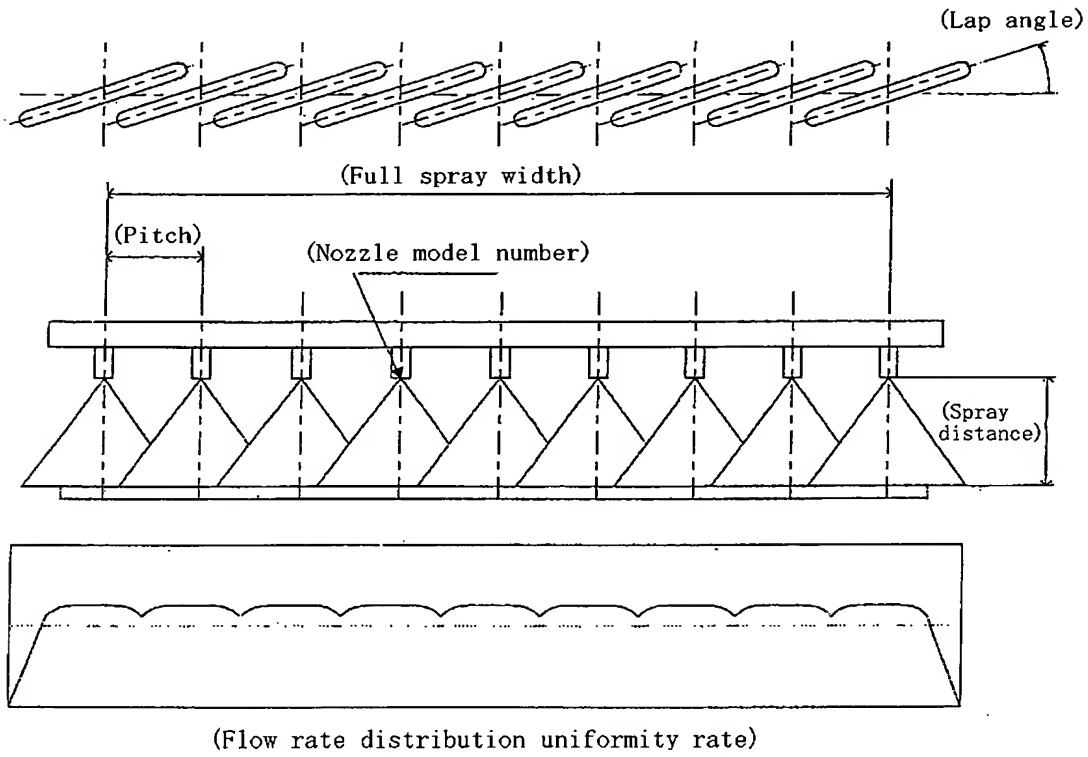


Fig.9

Example of nozzle specification format

Example shown in parentheses

User name (purchaser)			Name of company, dept. and person in charge
Application			For cooling incinerator gas
Place of use			Attemperator
Qty used			(Four)
Material			(SUS316L, SUS304, etc.)
Fluid	Name		(Industrial water)
	Viscosity	[cp]	(1)
	Specific weight	[kg/m³]	(1000)
Nozzle spec	Nozzle model		(Two-fluid mixed type)
	Air pressure	[MPa]	(0.3 or less)
	Water pressure	[MPa]	(0.5 or less)
	Air flow rate	[m³/h(Nor)]	(120 or less)
	Water flow rate	[- /min]	(5.0)
	Air-water volume ratio		
	Spray angle	[°]	(40 or less)
	Average (SMD)	[μm]	(50 or less)
	Maximum		(150 or less)
	Spray pattern profile		(Full cone)
Nozzle layout	Spray distance	[mm]	
	Nozzle pitch	[mm]	
	Lap angle	[°]	
	Attack angle	[°]	